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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2012 Air Force **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b>				<b>R-1 ITEM NOMENCLATURE</b>							
3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				PE 0604740F: <i>Integrated Command &amp; Control Applications</i>							
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	10.068	0.010	0.010	-	0.010	0.010	0.010	0.010	-	Continuing	Continuing
652523: <i>Product Lines</i>	6.920	0.010	0.010	-	0.010	0.010	0.010	0.010	-	Continuing	Continuing
652524: <i>Reuse and Component Support</i>	3.148	-	-	-	-	-	-	-	-	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The goal of the Integrated Command & Control Applications (IC2A) program is to reduce the development time, costs, and risks associated with the acquisition and development of an enterprise oriented Command & Control (C2) capability by defining a reference architecture to enhance common application use and reuse. Project 6523, Product Lines provides program management of the IC2A program. Project 6524, Reuse and Component Support identifies, develops, tests, and provides re-useable software components and products to the IC2A program and other programmed systems of record, and minimizes development cost and time by defining a Command & Control (C2) architecture approach consistent with net-centric principles and guidance that ensures compliance and interoperability using standards based service oriented architecture components.

The software architecture products developed by this program element form vital components and provide a pre-defined reference architecture which is the foundation of the Department of Defense (DoD) enterprise Command & Control (C2) capability.

This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>
Previous President's Budget	6.910	0.010	0.010	-	0.010
Current President's Budget	10.068	0.010	0.010	-	0.010
Total Adjustments	3.158	-	-	-	-
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	3.158	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	-	-	-

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<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: <i>Integrated Command &amp; Control Applications</i>
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**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project: 652523: *Product Lines***

Congressional Add: *Distributive Mission Interoperability Toolkit (DMIT)*

Congressional Add: *Program Increase/User Defined Operational Picture (UDOP)*

Congressional Add Subtotals for Project: 652523

**Project: 652524: *Reuse and Component Support***

Congressional Add: *Command & Control Service Level Management (C2SLM)*

Congressional Add Subtotals for Project: 652524

Congressional Add Totals for all Projects

<b>FY 2010</b>	<b>FY 2011</b>
3.190	-
3.720	-
6.910	-
3.148	-
3.148	-
10.058	-

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604740F: Integrated Command & Control Applications				PROJECT 652523: Product Lines			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
652523: Product Lines	6.920	0.010	0.010	-	0.010	0.010	0.010	0.010	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
Project 2523, Product Lines, executes program management functions of assigned programs. It also plans, controls, organizes, staffs and leads a diverse team of military, civilian and contracted acquisition and technical professionals that develop leading edge capabilities for the warfighter. Product Lines develops reusable software components based on Service Oriented Architectures, Core Enterprise Services, and Web Based technologies that enable the Air Force to achieve net centric operations and warfare capability. It provide AF-wide enterprise Command and Control functionality. The components are developed in small increments providing continuous deliveries of increasing capability to the warfighter.											
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: Product Line							0.010	0.010	0.010	-	0.010
Description: Systems Engineering											
FY 2010 Accomplishments: Provides for Program Manager travel in support of Congressional funded programs.											
FY 2011 Plans: Provides for Program Manager travel in support of Congressional funded programs.											
FY 2012 Base Plans: Provides for Program Manager travel in support of Congressional funded programs.											
FY 2012 OCO Plans:											
Accomplishments/Planned Programs Subtotals							0.010	0.010	0.010	-	0.010
							FY 2010	FY 2011			
Congressional Add: Distributive Mission Interoperability Toolkit (DMIT)							3.190	-			
FY 2010 Accomplishments: Provide a service oriented architecture based communications presence and compression capability at the infrastructure level.											
FY 2011 Plans:											
Congressional Add: Program Increase/User Defined Operational Picture (UDOP)							3.720	-			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Air Force	<b>DATE:</b> February 2011
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: <i>Integrated Command &amp; Control Applications</i>	<b>PROJECT</b> 652523: <i>Product Lines</i>
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	FY 2010	FY 2011
<b><i>FY 2010 Accomplishments:</i></b> Provides a service oriented architecture based communications presence and compression capability at the infrastructure level.		
<b><i>FY 2011 Plans:</i></b>		
<b>Congressional Adds Subtotals</b>	6.910	-

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• N/A: NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**D. Acquisition Strategy**

All major contracts were awarded after full and open competition.

**E. Performance Metrics**

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force										DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604740F: Integrated Command & Control Applications				PROJECT 652523: Product Lines					
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Distributive Mission Interoperability Toolkit (DMIT)	C/CPFF	Accenture:Reston, VA	25.716	-		-		-		-	0.000	25.716	0.000
Program Increase/User Defined Operational Picture (UDOP)	C/CPFF	PROLOGIC:Fairmont, WV	3.469	-		-		-		-	0.000	3.469	0.000
Subtotal			29.185	-		-		-		-	0.000	29.185	0.000
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Support	Various	ESC:Hanscom, MA	0.227	-		-		-		-	0.000	0.227	0.000
MITRE	C/FFP	MITRE Corp:Bedford, MA	0.249	-		-		-		-	0.000	0.249	0.000
Subtotal			0.476	-		-		-		-	0.000	0.476	0.000
Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Services	Various	ESC:Hanscom AFB, MA	0.010	0.010	Oct 2010	0.010	Oct 2011	-		0.010	Continuing	Continuing	TBD
Subtotal			0.010	0.010		0.010		-		0.010			

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2012 Air Force							<b>DATE:</b> February 2011				
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>			<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: <i>Integrated Command &amp; Control Applications</i>				<b>PROJECT</b> 652523: <i>Product Lines</i>				
	<b>Total Prior Years Cost</b>	<b>FY 2011</b>		<b>FY 2012 Base</b>		<b>FY 2012 OCO</b>		<b>FY 2012 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	29.671	0.010		0.010		-		0.010			
<b>Remarks</b>											

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: <i>Integrated Command &amp; Control Applications</i>	<b>PROJECT</b> 652523: <i>Product Lines</i>

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Air Force		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: <i>Integrated Command &amp; Control Applications</i>	<b>PROJECT</b> 652523: <i>Product Lines</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Program Management Support	1	2010	4	2015
Distributive Mission Interoperability Toolkit (DMIT)	1	2010	4	2011
Program Increase/User Defined Operational Picture (UDOP)	3	2010	4	2011

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Air Force								<b>DATE:</b> February 2011			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: <i>Integrated Command &amp; Control Applications</i>				<b>PROJECT</b> 652524: <i>Reuse and Component Support</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
652524: <i>Reuse and Component Support</i>	3.148	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**  
 Project 2524, Reuse and Component Support, develops reusable software components based on Service Oriented Architectures, Core Enterprise Services and Web Based technologies that enable the Air Force achieve net centric operations and warfare capability. It provides AF-wide enterprise Command and Control functionality, and components are developed in small increments providing continuous deliveries of increasing capability to the warfighter.

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>
<b>Congressional Add:</b> Command & Control Service Level Management (C2SLM)	3.148	-
<b>FY 2010 Accomplishments:</b> Command and Control for Numbered Air Forces (NAFs) and other Air Force users.		
<b>FY 2011 Plans:</b>		
<b>Congressional Adds Subtotals</b>	3.148	-

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• N/A: NA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**D. Acquisition Strategy**  
 All contracts were awarded after full and open competition.

**E. Performance Metrics**  
 Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2012 Air Force											<b>DATE:</b> February 2011		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: Integrated Command & Control Applications				<b>PROJECT</b> 652524: Reuse and Component Support					

  

Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Command & Control Service Level Management (C2SLM)	C/CPFF	Accenture:Reston, VA	28.123	-		-		-		-	0.000	28.123	28.123
<b>Subtotal</b>			28.123	-		-		-		-	0.000	28.123	28.123

  

Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Support	Various	ESC:Hanscom AFB, MA	0.134	-		-		-		-	0.000	0.134	0.220
<b>Subtotal</b>			0.134	-		-		-		-	0.000	0.134	0.220

  

Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
<b>Subtotal</b>			-	-		-		-		-	0.000	0.000	0.000

  

Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
<b>Subtotal</b>			-	-		-		-		-	0.000	0.000	0.000

  

			Total Prior Years Cost	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>			28.257	-	-	-	-	0.000	28.257	28.343

  

<b>Remarks</b>
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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2012 Air Force</b>		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604740F: <i>Integrated Command &amp; Control Applications</i>	<b>PROJECT</b> 652524: <i>Reuse and Component Support</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force

DATE: February 2011

**APPROPRIATION/BUDGET ACTIVITY**

3600: *Research, Development, Test & Evaluation, Air Force*  
BA 5: *Development & Demonstration (SDD)*

**R-1 ITEM NOMENCLATURE**

PE 0604740F: *Integrated Command & Control Applications*

**PROJECT**

652524: *Reuse and Component Support*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Command & Control Service Level Management (C2SLM)	1	2010	4	2011

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